Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	34	"750,012" or "907,302"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/07/20 10:34
L2	3	("7002965").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/20 10:41
S1	1456	(711/5,216).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/19 16:16
S2	24087	search with memory	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/07/17 09:27
S3	1206963	router or network or lookup	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/07/17 09:27
S4	109	S1 and S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/07/17 09:28
S5	100	(key near3 mask) and ((key or mask) near3 hash)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/07/17 13:34
S6	1	S4 and S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/07/17 09:29

S7	3	09/107,039	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/07/17 12:35
S8	1456	(711/5,216).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/17 12:53
S9	24087	search with memory	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/07/17 12:53
S10	109	S8 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/07/17 13:35
S11	2100	key and mask and hash	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/07/18 15:40
S12	258	S11 and (S9 or S8)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/07/17 13:35
S13	100	(key near3 mask) and ((key or mask) near3 hash)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/07/17 13:35
S14	237	S12 not S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/07/17 15:44

r -				r -		
S16	7001	router and ((search or lookup or address) near2 table)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/07/18 15:37
S17	2105	key and mask and hash	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/07/18 15:37
S18	317	S16 and S17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/07/18 15:39
S19	4404	(365/230.02,230.03).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/18 15:39
S20	8277	(707/3,6).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/18 15:40
S21	4449	(370/392,395.31,395.32).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/18 15:40
S22	2709	(key or address or tag) and mask and hash	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/07/18 16:06
S23	1	S19 and S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/07/18 16:06

S24	70	S20 and S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/07/18 16:53
S25	22	kao-sophia.in. or malalur-govind.in. or yang-brian.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/07/18 16:21
S26	21	("5121495" "5202985" "5418947" "5594899" "5787430" "5819291" "5857196" "5893086" "5918225" "5946679" "6012061" "6047286" "6266706" "6404752" "6460120").PN. OR ("6675163").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/07/18 16:29
S27	110	S21 and S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/07/18 16:54
S29	4	(("20060080499") or ("6625592")). PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/19 16:26
S30	12	(("6470472") or ("5530834") or ("5229994") or ("5083265") or ("5537603") or ("4933937")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/20 09:06
S31	·4	tsuchida-masashi.in. and sato-kazuhiro.in. and omachi-kazuhiko.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/07/20 10:33

File	347:JAPIO Dec 1976-2005/Dec(Updated 060404) (c) 2006 JPO & JAPIO
File	350: Derwent WPIX 1963-2006/UD=200645 (c) 2006 The Thomson Corp.
Set S1	Items Description 1131906 MEMOR??? OR RAM OR DRAM OR SRAM OR SDRAM OR RDRAM OR SLDRAM OR SGRAM OR DRDRAM OR ROM OR PROM OR EPROM OR EEPROM OR FPO - OR EDO OR CACHE? ?
s2	9067429 LOCATION? ? OR ADDRESS OR ADDRESSES OR ENTRY OR ENTRIES OR SLOT? ? OR FIELD? ? OR PORTION? ? OR CELL? ? OR AREA? ? OR REGION? ? OR ELEMENT? ? OR UNIT? ? OR BLOCK? ? OR BANK? ? OR BUCKET? ?
S 3	25311 HASH??? OR MD4 OR MD5 OR SHA1 OR SHA0 OR SHA OR RIPEMD OR - HAVAL OR CRC OR CYCLIC?()REDUNDAN????()(CHECK??? OR COD???) OR CHECKSUM? ? OR PARITY OR FCS OR FRAME()CHECK()SEQUENCE? ? OR MIC OR MESSAGE()INTEGRITY()(CHECK OR CODE)
S4	4031 S3(2W)(FUNCTION? ? OR ALGORITHM? ? OR ROUTINE? ? OR PROCED- URE? ? OR CALCULATION? ? OR COMPUTATION? ? OR CODE? ? OR OPER- ATION? ?)
S5	601048 (ANY OR MULTIPLE OR MULTIPLICITY OR SEVERAL OR MORE OR MANY OR PLURAL? OR DUAL? OR VARIOUS OR DIFFERENT OR SEPARATE OR N-UMEROUS OR VARIET? OR RANGE? ? OR ASSORTMENT OR ASSORTED OR ADDITIONAL OR DIVERS??? OR PAIR? ? OR ALTERNAT???)(5W)(S4 OR S-2)
s6	513182 (SECOND OR THIRD OR FOURTH OR TWO OR THREE OR FOUR)(5W)(S4 OR S2)
S7 S8	40 (SHAR??? OR COMMON)(7N)S4 650904 (ONE OR SINGLE OR SINGULAR OR PARTICULAR OR FIXED OR PERMA- NENT OR INDIVIDUAL OR SPECIFIC)(5W)(S4 OR S2)
s9 s10 s11	0 (("NOT" OR T OR NON)(3W)(SHAR??? OR COMMON))(7N)S4 423102 S1(5N)S2 28 S10 AND S4 AND S5:S7 AND S8
S12	28 IDPAT (sorted in duplicate/non-duplicate order)

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8:Ei Compendex(R) 1970-2006/Jul W2
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                                          Info. Inc.
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File 266:FEDRIP 2005/Dec
            Comp & dist by NTIS, Intl Copyright All Rights Res
       95:TEME-Technology & Management 1989-2006/Jul W3
            (c) 2006 FIZ TECHNIK
                     Description
Set
          Items
         987556
                    MEMOR??? OR RAM OR DRAM OR SRAM OR SDRAM OR RDRAM OR SLDRAM
s1
                  OR SGRAM OR DRDRAM OR ROM OR PROM OR EPROM OR EEPROM OR FPO -
                 OR EDO OR CACHE? ?
                     LOCATION? ? OR ADDRESS OR ADDRESSES OR ENTRY OR ENTRIES OR
S2
      20393781
                 SLOT? ? OR FIELD? ? OR PORTION? ? OR CELL? ? OR AREA? ? OR REGION? ? OR ELEMENT? ? OR UNIT? ? OR BLOCK? ? OR BANK? ? OR BU-
                HASH??? OR MD4 OR MD5 OR SHA1 OR SHA0 OR SHA OR RIPEMD OR - HAVAL OR CRC OR CYCLIC?()REDUNDAN????()(CHECK??? OR COD???) OR CHECKSUM? ? OR PARITY OR FCS OR FRAME()CHECK()SEQUENCE? ? OR
S3
         163835
                MIC OR MESSAGE()INTEGRITY()(CHECK OR CODE)
54
          14079
                     S3(2W)(FUNCTION? ? OR ALGORITHM? ? OR ROUTINE? ? OR PROCED-
                 URE? ? OR CALCULATION? ? OR COMPUTATION? ? OR CODE? ? OR OPER-
                 ATION? ?)
                (ANY OR MULTIPLE OR MULTIPLICITY OR SEVERAL OR MORE OR MANY OR PLURAL? OR DUAL? OR VARIOUS OR DIFFERENT OR SEPARATE OR NUMEROUS OR VARIET? OR RANGE? ? OR ASSORTMENT OR ASSORTED OR ADDITIONAL OR DIVERS??? OR PAIR? ? OR ALTERNAT???)(5W)(S4 OR S-
S5
       1208290
                 2)
       1040031
S6
                     (SECOND OR THIRD OR FOURTH OR TWO OR THREE OR FOUR) (5w) (S4
                 OR S2)
             194
S7
                     (SHAR??? OR COMMON) (7N) S4
S8
         809290
                     (ONE OR SINGLE OR SINGULAR OR PARTICULAR OR FIXED OR PERMA-
                NENT OR INDIVIDUAL OR SPECIFIC OR INDEPENDENT)(5W)(S4 OR S2)
(("NOT" OR T OR NON)(3W)(SHAR??? OR COMMON))(7N)S4
S9
                     $1(5N) s2
S10
          99259
              24
S11
                    S10 AND S4 AND S5:S7 AND S8
                          (unique items)
S12
                     RD
S13
              12
                     S12 NOT PY=2004:2006
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File 348: EUROPEAN PATENTS 1978-2006/ 200628
            (c) 2006 European Patent Office
File 349:PCT FULLTEXT 1979-2006/UB=20060713,UT=20060706
           (c) 2006 WIPO/Univentio
Set
          Items
                    Description
S1
         438021
                    MEMOR??? OR RAM OR DRAM OR SRAM OR SDRAM OR RDRAM OR SLDRAM
                  OR SGRAM OR DRDRAM OR ROM OR PROM OR EPROM OR EEPROM OR FPO -
                OR EDO OR CACHE? ?
                LOCATION? ? OR ADDRESS OR ADDRESSES OR ENTRY OR ENTRIES OR SLOT? ? OR FIELD? ? OR PORTION? ? OR CELL? ? OR AREA? ? OR REGION? ? OR ELEMENT? ? OR UNIT? ? OR BLOCK? ? OR BANK? ? OR BU-
S2
       2119128
                CKET? ?
                    HASH??? OR MD4 OR MD5 OR SHA1 OR SHA0 OR SHA OR RIPEMD OR -
S3
        101828
                HAVAL OR CRC OR CYCLIC?()REDUNDAN????()(CHECK??? OR COD???) OR
                MIC OR MESSAGE()INTEGRITY()(CHECK OR CODE)

S3(2W)(FUNCTION? ? OR ALGORITHM? ? OR ROUTINE? ? OR PROCED-
URE? ? OR CALCULATION? ? OR COMPUTATION? ? OR CODE? ? OR OPER-
ATION? ?)
                 CHECKSUM? ? OR PARITY OR FCS OR FRAME()CHECK()SEQUENCE? ? OR
           7370
S4
S5
        872711
                    (ANY OR MULTIPLE OR MULTIPLICITY OR SEVERAL OR MORE OR MANY
                 OR PLURAL? OR DUAL? OR VARIOUS OR DIFFERENT OR SEPARATE OR N-
                UMEROUS OR VARIET? OR RANGE? ? OR ASSORTMENT OR ASSORTED OR A-
                DDITIONAL OR DIVERS??? OR PAIR? ? OR ALTERNAT???)(5W)(S4 OR S-
S6
        655816
                    (SECOND OR THIRD OR FOURTH OR TWO OR THREE OR FOUR)(5W)(S4
                OR S2)
            208
                    (SHAR??? OR COMMON) (7N) $4
S7
        835163
S8
                    (ONE OR SINGLE OR SINGULAR OR PARTICULAR OR FIXED OR PERMA-
                NENT OR INDIVIDUAL OR SPECIFIC OR INDEPENDENT) (5W) (S4 OR S2)
                    (("NOT" OR T OR NON)(3W)(SHAR??? OR COMMON))(7N)$4
S9
S10
        167377
                    S1(5N)S2
S11
            313
                    $10(50N)$4(50N)$5:$7(50N)$8:$9
S12
            184
                    (S1 OR S3)/TI,AB AND S11
                    S1/TI, AB AND S3/TI, AB AND S11
S13
              44
S14
              24
                    S13 AND AC=US/PR AND AY=(1978:2003)/PR
S15
              24
                    S13 AND AC=US AND AY=1978:2003
S16
              24
                    S13 AND AC=US AND AY=(1978:2003)/PR
S17
              33
                    S13 AND PY=1978:2003
              36
S18
                    S14:S17
                DPAT (sorted in duplicate/non-duplicate order)

HASH???(1w)(FUNCTION? ? OR ALGORITHM? ? OR ROUTINE? ? OR PROCEDURE? ? OR CALCULATION? ? OR COMPUTATION? ? OR CODE? ? OR OPERATION? ? OR LOGIC)
S19
              36
           5979
S20
                    $10(50N)$20(50N)$5:$7(50N)$8:$9
S21
            229
S22
            207
                    S21 NOT S13
                    (S1 OR S20)/TI,AB AND S22
(MODE? ? OR ARRANGEMENT? ? OR CATEGOR??? OR TYPE? ? OR LAY-
            108
S24
S25
        176757
                OUT? ? OR SCHEME? ?)(10N)S5:S7
? (MODE? ? OR ARRANGEMENT? ? OR CATEGOR??? OR TYPE? ? OR LAY-
OUT? ? OR SCHEME? ?)(10N)S8:S9
S26
        105082
S27
                    $10(50N)$20(50N)$25(50N)$26
S28
              15
                    S27 NOT S13
                    IDPAT (sorted in duplicate/non-duplicate order)
```

S29